

TEST SESSION CHARTER

CHARTER ID: CH_UI_1.0

1 Description

Analyze the user interface. Consider things like intuitivity and ease of learning and use.

2 What – tested areas

Thoroughly test all dialog functionality. Heavily use windows, buttons, scrollbars, key shortcuts and all other basic components of the user interface.

3 Why – goal

The goal of this test session is to identify bugs or other visible problems in the user interface. This also involves any UI design flaw that can be identified.

4 How – approach

First, use RevRatio as you would use any standard Windows application. Try to manage without the user manual as far as possible. Attempt conducting a systematic review in a manner you feel is most obvious. Note any inconsistencies.

Then, try being unconventional. Jump from dialog to dialog, open up several dialogs, make searches, click on every button you can find, basically do anything you can think of.

5 Focus - what problems to look for

In this test session, pay special attention to the following:

- Are buttons, panels and widgets placed logically?
- Do key shortcuts work as expected?
- Pointer vs. keyboard use.
- Smooth operation, performance.
- Are there bugs or other inconsistencies? (disappearing windows, non-functional buttons, focus issues etc.)

Also, consider how well the user interface follows standard Microsoft Windows conventions.

6 Exploration log

SESSION START (date and time): 2005-03-01 16:10

TESTER: Marko Heimonen

6.1 TASK BREAKDOWN

DURATION (hours): 2:00

TEST DESIGN AND EXECUTION (percent): 60%

BUG INVESTIGATION AND REPORTING (percent): 30%

SESSION SETUP (percent): 10%

CHARTER VS. OPPORTUNITY (percent/percent): 20%/80%

6.2 DATA FILES

None.

6.3 TEST NOTES

First, a systematic review was conducted using both Inspec and Google searches. No user manual was needed at all.

After this, testing was focused on the user interface in general. I tried to test every component of the UI and find problems on most obvious parts.

Testing was done on Windows XP using JRE 1.4.2_06.

6.4 BUGS

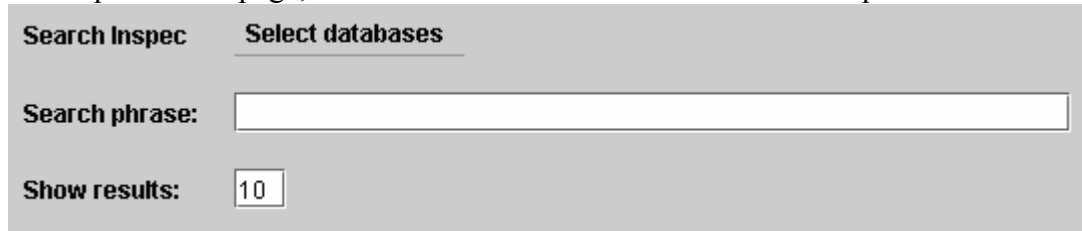
Description of all found bugs:

<i>Bug ID</i>	<i>Description</i>
#125	CTRL-N and CTRL-O key shortcuts do not work on "protocol"-tab.
#126	It's possible to enter characters into "Show results" field.

6.5 ISSUES

The following list contains observations and issues that came up during testing. Most of them are only minor improvement-ideas. In general, RevRatio seems to be fairly finished product.

- On Inspec search-page, “Select databases” does not look like a drop-down-list:



The screenshot shows a search interface with a grey background. At the top, there are two tabs: "Search Inspec" and "Select databases". Below the tabs, there is a search bar labeled "Search phrase:" and a "Show results:" field with the number "10" entered.

- On search-options page (both Inspec and Google), “Show results” field seems to be designed to display three digit numbers. However, it’s possible to enter arbitrary large numbers into this field.
- “Search failed” error message is a bit confusing. Maybe something like “Your search returned no hits” would be more informative?
- On Findings-tab, after selecting multiple findings using shift-click or ctrl-click it’s possible to select right-click/properties, right-click/comments and right-click/set status. Right-click/status has effect on all selected findings, but properties and comments have effect only on the first finding. Maybe right-click/properties and right-click/comments options should be disabled when there is more than one selected finding.
- Web browser cannot be changed. “Preferred web server” setting has no effect at all.
- Many programs use animated bars to indicate progress of database queries.
- It’s possible to resize most of the dialogue boxes (create new review, create group, etc.). Usually components like this have fixed size and cannot be resized.